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Grazia Albanesi, M.; Ferretti, M.; Guerrini, F.;
Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volume: 3 , 3-7 Sept. 2000
Pages:215 - 218 vol.3

[Abstract] [PDF Full-Text (580 KB)] **IEEE CNF**

---

2 **Improving digital halftones by exploiting visual system properties**
Mulligan, J.B.;
Signals, Systems and Computers, 1993. 1993 Conference Record of The Twenty-Seventh Asilomar Conference on , 1-3 Nov. 1993
Pages:961 - 965 vol.2

[Abstract] [PDF Full-Text (328 KB)] **IEEE CNF**

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3 **A wavelet visible difference predictor**
Bradley, A.P.;
Image Processing, IEEE Transactions on , Volume: 8 , Issue: 5 , May 1999
Pages:717 - 730

[Abstract] [PDF Full-Text (3724 KB)] **IEEE JNL**

4 **Perceptual adaptive JPEG coding**
Rosenholtz, R.; Watson, A.B.;
Image Processing, 1996. Proceedings., International Conference on , Volume: 1 , 16-19 Sept. 1996
Pages:901 - 904 vol.1

[Abstract] [PDF Full-Text (660 KB)] **IEEE CNF**

5 **On the compression of video using the derivative of Gaussian transform**
Bloom, J.A.; Reed, T.R.;
Signals, Systems & Computers, 1998. Conference Record of the Thirty-Second Asilomar Conference on , Volume: 1 , 1-4 Nov. 1998
Pages:863 - 867 vol.1

[Abstract] [PDF Full-Text (1412 KB)] **IEEE CNF**

6 **On the compression of still images using the derivative of Gaussian transform**
Bloom, J.A.; Reed, T.R.;
Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on , 4-7 Oct. 1998
Pages:433 - 437 vol.3

[Abstract] [PDF Full-Text (747 KB)] **IEEE CNF**

7 **Qualitative comparison of visual models in an iterative halftoning procedure**
Alford, J.R.; Mitsa, T.;
Image Processing, 1995. Proceedings., International Conference on , Volume: 2 , 23-26 Oct. 1995
Pages:339 - 342 vol.2

[Abstract] [PDF Full-Text (364 KB)] **IEEE CNF**

8 **Adaptive DCT coding of images using entropy-constrained trellis coded quantization**

Farvardin, N.; Ran, X.; Lee, C.C.;

Acoustics, Speech, and Signal Processing, 1993. ICASSP-93., 1993 IEEE International Conference on , Volume: 5 , 27-30 April 1993

Pages:397 - 400 vol.5

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1 A model of visual masking for computer graphics

James A. Ferwerda, Peter Shirley, Sumanta N. Pattanaik, Donald P. Greenberg

August 1997 **Proceedings of the 24th annual conference on Computer graphics and interactive techniques**

Full text available: pdf(1.26 MB) Additional Information: full citation, references, citings, index terms

Keywords: error metrics, image quality, masking, visual perception

2 Color quantization by dynamic programming and principal analysis

Xiaolin Wu

October 1992 **ACM Transactions on Graphics (TOG)**, Volume 11 Issue 4

Full text available: pdf(9.47 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Color quantization is a process of choosing a set of K representative colors to approximate the N colors of an image, K < N, such that the resulting K-color image looks as much like the original N-color image as possible. This is an optimization problem known to be NP-complete in K. However, this paper shows that by ordering the N colors along their principal axis and pa ...

Keywords: algorithm analysis, clustering, color quantization, dynamic programming, principal analysis

3 Group C: energy conservation: Power-efficient sensor placement and transmission structure for data gathering under distortion constrainis

Deepak Ganesan, R□zvan Cristescu, Baltasar Beferull-Lozano

April 2004 **Proceedings of the third international symposium on Information processing in sensor networks**

Full text available: pdf(206.67 KB) Additional Information: full citation, abstract, references, index terms

We consider the joint optimization of sensor placement and transmission structure for data gathering, where a given number of nodes need to be placed in a field such that the sensed data can be reconstructed at a sink within specified distortion bounds while minimizing the

energy consumed for communication. We assume that the nodes use joint entropy coding based on explicit communication between sensor nodes, and consider both maximum and average distortion bounds. The optimization is complex si ...

Keywords: data gathering, energy efficiency, information theory, sensing distortion, sensor networks, sensor node placement

4 Group E: network capacity and achievable rate: Rate-distortion problem for physics based distributed sensing

Baltasar Beferull-Lozano, Robert L. Konsbruck, Martin Vetterli

April 2004 **Proceedings of the third international symposium on Information processing in sensor networks**

Full text available: pdf(681.37 KB) Additional Information: full citation, abstract, references, index terms

We consider the rate-distortion problem for sensing the continuous space-time physical temperature in a circular ring on which a heat source is applied over space and time, and which is also allowed to cool by radiation or convection to its surrounding medium. The heat source is modelled as a continuous space-time stochastic process which is bandlimited over space and time. The temperature field is the result of a circular convolution over space and a continuous-time causal filtering over time o ...

Keywords: Green's function, centralized coding, distributed coding, distributed sampling, feedback, heat equation, local coding, prediction, rate-distortion, sensor networks, spatio-temporal correlation, temperature field

5 Color image quantization by minimizing the maximum intercluster distance

Zhigang Xiang

July 1997 **ACM Transactions on Graphics (TOG)**, Volume 16 Issue 3

Full text available: pdf(1.74 MB) Additional Information: full citation, abstract, references, citings, index terms

One of the numerical criteria for color image quantization is to minimize the maximum discrepancy between original pixel colors and the corresponding quantized colors. This is typically carried out by first grouping color points into tight clusters and then finding a representative for each cluster. In this article we show that getting the smallest clusters under a formal notion of minimizing the maximum intercluster distance does not guarantee an optimal solution for the quantization crite ...

Keywords: clustering, color quantization, image compression, indexed image

6 Video adaptation: Analysis of rate-distortion functions and congestion control in scalable internet video streaming

Min Dai, Dmitri Loguinov

June 2003 **Proceedings of the 13th international workshop on Network and operating systems support for digital audio and video**

Full text available: pdf(1.21 MB) Additional Information: full citation, abstract, references, index terms

Internet streaming applications usually have strict requirements on bandwidth, delay, and packet loss, while the current best-effort Internet does not provide any Quality-of-Service (QoS) guarantees to end flows. To achieve a higher level of QoS for the end user, Fine-granular Scalability (FGS), which has both strong error-resilience and flexibility during streaming over variable-bandwidth channels, has been accepted as a standard coding scheme for the video streaming profile in MPEG-4 [19]. Not ...